

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/736,019

1645

#11 1/7L
12/12/98DATE: 04/08/98
TIME: 14:01:19

INPUT SET: S24774.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT:

Goodearl, Andrew
Stroobant, Paul
Minghetti, Luisa
Waterfield, Michael
Marchionni, Mark
Chen, Mario
Hiles, Ian

(ii) TITLE OF INVENTION:

GLIAL MITOGENIC FACTORS, THEIR
PREPARATION AND USE

(iii) NUMBER OF SEQUENCES:

189

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE:

Clark & Elbing LLP

(B) STREET:

176 Federal Street

(C) CITY:

Boston

(D) STATE:

Massachusetts

(E) COUNTRY:

U.S.A.

(F) ZIP:

02110

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE:

3.5" Diskette, 1.44 Mb

(B) COMPUTER:

IBM Compatible Pentium

(C) OPERATING SYSTEM:

Windows95

(D) SOFTWARE:

FastSeq Version 2.0

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:

08/736,019

(B) FILING DATE:

22-OCT-1996

(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER:

08/471,833

(B) FILING DATE:

06-JUN-1995

(vii) PRIOR APPLICATION DATA:

ENTERED

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PATENT APPLICATION US/08/736,019DATE: 04/08/98
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47 (A) APPLICATION NUMBER: 08/036,555
48 (B) FILING DATE: 24-MAR-1993
49
50 (vii) PRIOR APPLICATION DATA:
51
52 (A) APPLICATION NUMBER: 07/965,173
53 (B) FILING DATE: 23-OCT-1992
54
55 (vii) PRIOR APPLICATION DATA:
56
57 (A) APPLICATION NUMBER: 07/907,138
58 (B) FILING DATE: 30-JUN-1992
59
60 (vii) PRIOR APPLICATION DATA:
61
62 (A) APPLICATION NUMBER: 07/940,389
63 (B) FILING DATE: 03-SEP-1992
64
65 (vii) PRIOR APPLICATION DATA:
66
67 (A) APPLICATION NUMBER: 07/863,703
68 (B) FILING DATE: 03-APR-1992
69
70 (vii) PRIOR APPLICATION DATA:
71
72 (A) APPLICATION NUMBER: UK 91 07566.3
73 (B) FILING DATE: 10-APR-1991
74
75 (viii) ATTORNEY/AGENT INFORMATION:
76
77 (A) NAME: Bieker-Brady, Kristina
78 (B) REGISTRATION NUMBER: 39,109
79 (C) REFERENCE/DOCKET NUMBER: 04585/00200Q
80
81 (ix) TELECOMMUNICATION INFORMATION:
82
83 (A) TELEPHONE: (617) 428-0200
84 (B) TELEFAX: (617) 428-7045
85 (C) TELEX:
86
87 (2) INFORMATION FOR SEQ ID NO: 1:
88
89 (i) SEQUENCE CHARACTERISTICS:
90
91 (A) LENGTH: 8
92 (B) TYPE: amino acid
93 (C) STRANDEDNESS:
94 (D) TOPOLOGY: linear
95
96 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
97
98
99 Phe Lys Gly Asp Ala His Thr Glu

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100 1 5
101
102
103 (2) INFORMATION FOR SEQ ID NO: 2:
104
105 (i) SEQUENCE CHARACTERISTICS:
106
107 (A) LENGTH: 13
108 (B) TYPE: amino acid
109 (C) STRANDEDNESS:
110 (D) TOPOLOGY: linear
111
112 (ix) FEATURE:
113
114 (D) OTHER INFORMATION: Xaa in position 1 is Lysine or
115 Arginine; Xaa in position 12 is unknown.
116
117 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
118
119 Xaa Ala Ser Leu Ala Asp Glu Tyr Glu Tyr Met Xaa Lys
120
121 1 5 10
122
123
124 (2) INFORMATION FOR SEQ ID NO: 3:
125
126 (i) SEQUENCE CHARACTERISTICS:
127
128 (A) LENGTH: 12
129 (B) TYPE: amino acid
130 (C) STRANDEDNESS:
131 (D) TOPOLOGY: linear
132
133 (ix) FEATURE:
134
135 (D) OTHER INFORMATION: Xaa in position 1 is Lysine or
136 Arginine; Xaa in position 10 is unknown.
137
138 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
139
140 Xaa Thr Glu Thr Ser Ser Ser Gly Leu Xaa Leu Lys
141 1 5 10
142
143
144 (2) INFORMATION FOR SEQ ID NO: 4:
145
146 (i) SEQUENCE CHARACTERISTICS:
147
148 (A) LENGTH: 9
149 (B) TYPE: amino acid
150 (C) STRANDEDNESS:
151 (D) TOPOLOGY: linear
152

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153 (ix) FEATURE:
154
155 (D) OTHER INFORMATION: Xaa in position 1 is Lysine or Arginine.
156
157 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
158
159 Xaa Lys Leu Gly Glu Met Trp Ala Glu
160 1 5
161
162
163 (2) INFORMATION FOR SEQ ID NO: 5:
164
165 (i) SEQUENCE CHARACTERISTICS:
166
167 (A) LENGTH: 7
168 (B) TYPE: amino acid
169 (C) STRANDEDNESS:
170 (D) TOPOLOGY: linear
171
172 (ix) FEATURE:
173
174 (D) OTHER INFORMATION: Xaa in position 1 is Lysine or Arginine.
175
176 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
177
178 Xaa Leu Gly Glu Lys Arg Ala
179 1 5
180
181 (2) INFORMATION FOR SEQ ID NO: 6:
182
183 (i) SEQUENCE CHARACTERISTICS:
184
185 (A) LENGTH: 16
186 (B) TYPE: amino acid
187 (C) STRANDEDNESS:
188 (D) TOPOLOGY: linear
189
190 (ix) FEATURE:
191
192 (D) OTHER INFORMATION: Xaa in position 1 is Lysine or Arginine.
193
194 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
195
196 Xaa Ile Lys Ser Glu His Ala Gly Leu Ser Ile Gly Asp Thr Ala Lys
197
198 1 5 10 15
199
200
201 (2) INFORMATION FOR SEQ ID NO: 7:
202
203 (i) SEQUENCE CHARACTERISTICS:
204
205 (A) LENGTH: 13

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206 (B) TYPE: amino acid
207 (C) STRANDEDNESS:
208 (D) TOPOLOGY: linear
209
210 (ix) FEATURE:
211
212 (D) OTHER INFORMATION: Xaa in position 1 is Lysine or Arginine.
213
214 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
215
216 Xaa Ala Ser Leu Ala Asp Glu Tyr Glu Tyr Met Arg Lys
217
218 1 5 10
219
220
221 (2) INFORMATION FOR SEQ ID NO: 8:
222
223 (i) SEQUENCE CHARACTERISTICS:
224
225 (A) LENGTH: 16
226 (B) TYPE: amino acid
227 (C) STRANDEDNESS:
228 (D) TOPOLOGY: linear
229
230 (ix) FEATURE:
231
232 (D) OTHER INFORMATION: Xaa in position 1 is Lysine or Arginine.
233
234 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
235
236 Xaa Ile Lys Gly Glu His Pro Gly Leu Ser Ile Gly Asp Val Ala Lys
237 1 5 10 15
238
239
240 (2) INFORMATION FOR SEQ ID NO: 9:
241
242 (i) SEQUENCE CHARACTERISTICS:
243
244 (A) LENGTH: 13
245 (B) TYPE: amino acid
246 (C) STRANDEDNESS:
247 (D) TOPOLOGY: linear
248
249 (ix) FEATURE:
250
251 (D) OTHER INFORMATION: Xaa in position 1 is Lysine or
252 Arginine and Xaa in position 12 is unknown.
253
254 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
255
256 Xaa Met Ser Glu Tyr Ala Phe Phe Val Gln Thr Xaa Arg
257
258 1 5 10

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SEQUENCE VERIFICATION REPORT
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Line

Error

Original Text